

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	10120	propagat\$3 with characterist\$2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 11:02
L13	102	propagat\$3 with characterist\$2 and multipath with fad\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 12:14
L14	0	propagat\$3 with characterist\$2 and multipath with fad\$3 and antenna with diversity with feedback	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 11:03
L15	38	propagat\$3 with characterist\$2 and multipath with fad\$3 and antenna with diversity	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 11:34
L16	20	propagat\$3 with characterist\$2 and multipath with fad\$3 and antenna with diversity and feedback	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 11:04
L17	10	"4466133"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 12:17
L18	16	"5710977"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 12:17
L19	14	("5710977").URPN.	USPAT	OR	ON	2007/12/26 12:22
L20	7	("5289499"   "5347535"   "5437055"   "5444698"   "5563909"   "5574983"   "5574989").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/26 12:32

## EAST Search History

L21	20	"6307882"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/26 12:32
L22	75	"5852630"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 13:57
S1	8	"5563909"	USPAT	OR	OFF	2007/03/20 08:56
S2	2416	375/347	USPAT	OR	OFF	2007/03/20 09:00
S3	1	(RF or FET with switch ) and (FFT or N-FFT)and peak adj comparat\$3	USPAT	OR	OFF	2007/03/20 09:02
S4	152987	(RF or FET with switch )	USPAT	OR	OFF	2007/03/20 09:03
S5	2791	(RF or FET with switch ) and FFT	USPAT	OR	OFF	2007/03/20 09:04
S6	483	(RF or FET with switch ) and FFT and comparator	USPAT	OR	OFF	2007/03/20 09:05
S7	4	(375/347.ccls.)and(RF or FET with switch ) and FFT and comparator	USPAT	OR	OFF	2007/03/20 09:37
S8	9	(375/347 or "224" or "346".ccls.)and (342/196.ccls.)and(RF or FET with switch )and FFT and comparator	USPAT	OR	OFF	2007/03/20 09:17
S9	0	signal adj selector with plurality adj inputs with plularity adj branch\$3	USPAT	OR	OFF	2007/03/20 09:19
S10	0	signal adj selector with plurality adj inputs with plurality adj branch\$3	USPAT	OR	OFF	2007/03/20 09:20
S11	2	signal with selector with FFT and antenna with diversity	USPAT	OR	OFF	2007/03/20 09:21
S12	0	(375/347.ccls.)and bluetooth adj signals	USPAT	OR	OFF	2007/03/20 09:37
S13	8	(375/347.ccls.)and bluetooth	USPAT	OR	OFF	2007/03/20 09:43
S14	5	(375/347.ccls.)and bluetooth with signal	USPAT	OR	OFF	2007/03/20 11:14
S15	87	(375/347.ccls.)and antenna with branch\$2	USPAT	OR	OFF	2007/03/20 12:44
S16	11	("20020034968"   "20020054580"   "20020085643"   "20030027596"   "20030054828"   "20030144032"   "20030171139"   "20040038713"   "20040063467"   "20050136875"   "20060068848").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 11:17

## EAST Search History

S17	6	("4761822"   "5513385"   "5757853"   "5790529"   "6088407"   "6141392").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 11:32
S18	0	(375/347.ccls.)and antenna with branch\$2 adj selector	USPAT	OR	OFF	2007/03/20 12:45
S19	121	(375/347.ccls.)and signal with selector	USPAT	OR	OFF	2007/03/20 13:35
S20	14	("5740526").URPN.	USPAT	OR	OFF	2007/03/20 13:06
S21	70	(375/347.ccls.) and tones	USPAT	OR	OFF	2007/03/20 14:38
S22	1	(375/347.ccls.) and bluetooth with receiver	USPAT	OR	OFF	2007/03/21 10:34
S23	4	("20010046270"   "20030125091"   "5434576"   "6229486").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/21 08:29
S24	0	(375/347 or "224" or "346".ccls.)and (342/196.ccls.)and packet adj data with payload	USPAT	OR	OFF	2007/03/21 08:40
S25	0	(375/347.ccls.)and packet adj data with payload	USPAT	OR	OFF	2007/03/21 08:41
S26	5	(375/347.ccls.)and packet with data with payload	USPAT	OR	OFF	2007/03/21 11:07
S27	1	"7035612"	USPAT	OR	OFF	2007/03/21 09:24
S28	35	(375/347.ccls.) and difference with signal with level	USPAT	OR	OFF	2007/03/21 10:34
S29	4	("4334316"   "4373207"   "5203023"   "5513222").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/21 10:36
S30	4	(375/347.ccls.)and tones with preamble	USPAT	OR	OFF	2007/03/21 10:52
S31	0	(375/347.ccls.)and packet with data with payload with threshold	USPAT	OR	OFF	2007/03/21 11:08
S32	5	(375/347.ccls.)and packet with data with payload	USPAT	OR	OFF	2007/03/21 11:46
S33	1369347	(375/347.ccls.)and packet with data with payload near\$4 monito\$3	USPAT	OR	OFF	2007/03/21 11:47
S34	1429558	(375/347.ccls.)and packet with data with payload near\$4 monitor\$3	USPAT	OR	OFF	2007/03/21 12:28
S35	31	(375/347 or "224" or "346".ccls.)and (342/196.ccls.)	USPAT	OR	OFF	2007/03/21 12:12
S36	7	"5687197"	USPAT	OR	OFF	2007/03/21 12:37
S37	304	(375/347.ccls.) and plurality with antenna	USPAT	OR	OFF	2007/03/21 14:10

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S38	1070084	(375/347.ccls.) and plurality with antenna and received adj signal near\$5 parameter with preamble	USPAT	OR	OFF	2007/03/21 12:39
S39	1069982	(375/347.ccls.) and plurality with antenna and received adj signal near\$5 parameter with preamble and doppler adj frequency	USPAT	OR	OFF	2007/03/21 12:39
S40	46	(375/347.ccls.)and doppler adj frequency	USPAT	OR	OFF	2007/03/21 13:35
S41	2	"6714774"	USPAT	OR	OFF	2007/03/21 13:35
S42	1026693	(375/347.ccls.) and sum near\$2 signal with third adj frequency	USPAT	OR	OFF	2007/03/21 14:11
S43	1026693	(375/347.ccls.)and sum near\$2 signal with third adj frequency	USPAT	OR	OFF	2007/03/21 14:11
S44	0	(375/347.ccls.)and sum with signal with third adj frequency	USPAT	OR	OFF	2007/03/21 14:12
S45	3	(375/347.ccls.)and signal with third adj frequency	USPAT	OR	OFF	2007/03/21 14:19
S46	1	"7035612"	USPAT	OR	OFF	2007/03/21 14:19
S47	0	(375/347 or "224" or "346".ccls.)and (342/196.ccls.)and packet with preamble with tones	USPAT	OR	OFF	2007/03/22 08:27
S48	0	(375/347.ccls.)and packet with preamble with tones	USPAT	OR	OFF	2007/03/22 08:28
S49	0	(375/347.ccls.)and packet with tones	USPAT	OR	OFF	2007/03/22 08:28
S50	923	(375/347.ccls.)	USPAT	OR	OFF	2007/03/22 08:28
S51	2	(375/347.ccls.)and packet adj data with preamble	USPAT	OR	OFF	2007/03/22 08:33
S52	0	(375/347.ccls.)and packet adj data with tones with preamble	USPAT	OR	OFF	2007/03/22 08:33
S53	5	(375/347.ccls.)and packet adj data and tones and preamble	USPAT	OR	OFF	2007/03/22 08:40
S54	4	(375/347.ccls.)and tones with preamble	USPAT	OR	OFF	2007/03/22 08:47
S55	13	("3288940"   "3499108"   "3499995"   "3526837"   "3810019"   "3895223"   "3988679"   "4223185"   "4306308").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/22 08:43
S56	9	("4606047").URPN.	USPAT	OR	OFF	2007/03/22 08:43
S57	1070272	(375/347.ccls.)and received adj signal near\$5 preamble	USPAT	OR	OFF	2007/03/22 08:52

## EAST Search History

S58	1069863	(375/347.ccls.)and received adj signal with parameter near\$5 preamble	USPAT	OR	OFF	2007/03/22 08:53
S59	1069846	(375/347.ccls.)and received adj signal with parameter near\$5 preamble and doppler adj frequency	USPAT	OR	OFF	2007/03/22 08:55
S60	3227	select\$3 with received adj signal and antenna	USPAT	OR	OFF	2007/03/22 08:55
S61	189	select\$3 with received adj signal and plurality adj antenna	USPAT	OR	OFF	2007/03/22 08:56
S62	12	select\$3 with received adj signal and plurality adj antenna and packet adj data	USPAT	OR	OFF	2007/03/22 11:16
S63	0	select\$3 with received adj signal and plurality adj antenna and packet adj data with preamble with payload	USPAT	OR	OFF	2007/03/22 11:17
S64	0	plurality adj antenna and packet adj data with preamble with payload	USPAT	OR	OFF	2007/03/22 11:18
S65	2	packet adj data with preamble with payload and antenna	USPAT	OR	OFF	2007/03/22 12:31
S66	1069802	packet adj data with tones near\$4 preamble with payload and antenna	USPAT	OR	OFF	2007/03/22 12:34
S67	1069788	(375/347.ccls.) and packet adj data with tones near\$4 preamble with payload and antenna	USPAT	OR	OFF	2007/03/22 12:33
S68	1069788	(375/347.ccls.) and packet adj data with tones near\$4 preamble with payload and antenna	USPAT	OR	OFF	2007/03/22 12:35
S69	0	(375/347.ccls.) and packet adj data with tones with preamble	USPAT	OR	OFF	2007/03/22 12:36
S70	4	(375/347.ccls.) and tones with preamble	USPAT	OR	OFF	2007/03/22 12:49
S71	1344744	(375/347.ccls.)and (sum adj signal with third)near\$1 frequenc\$3	USPAT	OR	OFF	2007/03/22 12:51
S72	1344758	(375/347.ccls.)and(signal with third)near\$1 frequenc\$3	USPAT	OR	OFF	2007/03/22 12:51
S73	47	(375/347.ccls.)and signal with third with frequenc\$3	USPAT	OR	OFF	2007/03/22 12:52
S74	1	"7035612"	USPAT	OR	OFF	2007/03/23 11:58
S75	1	"6967994"	USPAT	OR	OFF	2007/03/23 12:00
S76	10	"4606047"	USPAT	OR	OFF	2007/03/23 12:01

## EAST Search History

S77	4	"6920192"	USPAT	OR	OFF	2007/03/23 12:01
S78	2	375/233 and test adj process	USPAT	OR	OFF	2007/03/26 16:59
S79	23	375/224 and test adj process	USPAT	OR	OFF	2007/03/26 17:00
S80	78	375/224 and (first adj frequency with second adj frequency)	USPAT	OR	OFF	2007/03/26 17:03
S81	0	375/224 and (signal adj levels)with(first adj frequency with second adj frequency)	USPAT	OR	OFF	2007/03/26 17:04
S82	0	375/224 and(signal adj levels)with(first adj frequency with second adj frequency)	USPAT	OR	OFF	2007/03/26 17:05
S83	172	375/224 and(signal adj levels)	USPAT	OR	OFF	2007/03/26 17:05
S84	19	375/224 and(signal adj levels)with frequency	USPAT	OR	OFF	2007/03/26 17:14
S85	3574	375/346 or "347" and(signal adj levels)with frequency	USPAT	OR	OFF	2007/03/26 17:15
S86	3488	375/346 or "347" and diffence with (first adj frequency or second adj frequency)	USPAT	OR	OFF	2007/03/26 17:20
S87	0	375/347 and diffence with (first adj frequency with second adj frequency)	USPAT	OR	OFF	2007/03/26 17:21
S88	0	375/347 and diffence with (first adj frequency same second adj frequency)	USPAT	OR	OFF	2007/03/26 17:22
S89	30	375/347 and frequency adj level\$1	USPAT	OR	OFF	2007/03/26 17:25
S90	20232	first adj frequency	USPAT	OR	OFF	2007/03/26 17:25
S91	19629	second adj frequency	USPAT	OR	OFF	2007/03/26 17:26
S92	66849	signal adj level	USPAT	OR	OFF	2007/03/26 17:26
S93	3860	difference with signal adj level	USPAT	OR	OFF	2007/03/26 17:27
S94	148	S91 and difference with signal adj level	USPAT	OR	OFF	2007/03/26 17:27
S95	162	S90 and S93	USPAT	OR	OFF	2007/03/26 17:28
S96	117	S94 and S95	USPAT	OR	OFF	2007/03/26 17:28
S97	833	375/347 and "120"	USPAT	OR	OFF	2007/03/26 17:29
S98	0	"GB-200304496.3-"\$.did	USPAT	OR	OFF	2007/03/27 15:27
S99	2	"20050259627"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 15:48

## EAST Search History

S10 0	6	("6141392").URPN.	USPAT	OR	ON	2007/11/26 16:03
S10 1	2	"20050259627"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 13:52
S10 2	20	("20030185295" "20040062193" "20040178954" "6687492" "6745009" "6859503" "7002934" "7006810" "7120395").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 14:05
S10 3	0	select with antenna with multipath with fading and feedback and MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 14:06
S10 4	0	select with antenna with multipath with fad\$3 and feedback and MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 14:06
S10 5	0	select with antenna with multipath with fad\$3 and MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 14:07
S10 6	655	select with antenna and MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 14:07
S10 7	286	select with antenna and MIMO and feedback	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 14:07
S10 8	176	select with antenna and MIMO and feedback and fad\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 14:43

## EAST Search History

S109	10	select with antenna and MIMO and feedback and fad\$3 and frequency with domain with output	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 14:08
S110	5023658	propagat\$3 with characteristic\$1 d antenna with select with feedback	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 14:51
S111	0	propagat\$3 with characteristic\$1 with antenna with select with feedback	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 14:52
S112	2	"20040132515"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 16:09
S113	14	"6002672"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 16:29
S114	15	"6118773"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 16:38
S115	6	"6487416"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 16:38